

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
YUKIO HANYU) Examiner: Paul J. Killos
Div. of Appln. No.: 09/651,244) Group Art Unit: 1625
Filed: Herewith)
For: SINGLE-CRYSTALLINE FILM)
AND PROCESS FOR)
PRODUCTION THEREOF) October 9, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449.

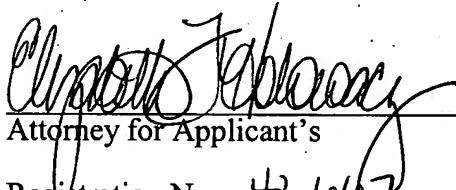
The present application is a division of co-pending Application No. 09/651,244. This Information Disclosure Statement is filed to make of record all prior art citations found in the parent and all references Applicants deem relevant to the patentability of the presently claimed subject matter. The Examiner is respectfully directed to the files of the U.S. Patent and Trademark Office for review of those documents. (See 37 C.F.R. § 1.98(d) and MPEP § 609.) However, if requested by the Examiner, copies of those documents will be supplied.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Attorney for Applicant's
Registration No. 42,667

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

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00684.003060.1APPLICATION NO.
Div. of 09/651,244

APPLICANT

YUKIO HANYU

FILING DATE

Herewith

GROUP

1625

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,347,381	9/13/94	Shinomiya et al.	359	78	
		6,128,064	10/3/00	Moriyama et al.	349	173	
		5,825,447	10/20/98	Hanyu et al.	349	128	
		5,932,136	8/3/99	Terada et al.	252	299.01	
		5,835,248	11/10/98	Hanyu et al.	359	76	
		5,790,223	8/4/98	Hanyu et al.	349	184	
		6,083,574	7/4/00	Asao et al.	428	1.1	
		4,639,089	1/27/87	Okada et al.	350	341	
		6,294,229	9/25/01	Satoh et al.	428	1.1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		0 261 712	3/30/88	EP			
		0 445 629	9/11/91	EP			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

		O. Butsuri, Appl. Phys., vol. 68, no. 1, pp. 26-32 (1999).
		G. Albertini et al., "A Study of the Transitions Smectic A-Hexatic B and Hexatic B-Crystal B by X-Ray Diffraction", Mol. Cryst. Liq. Cryst., vol. 104, pp. 121-130 (1984).
		M. Petrov et al., "Growing of Local Smectic C Monocrystals from an Initially Twisted Nematic Phase", Crystal Res. & Technol., vol. 18, no. 1, pp. 101-106 (1983).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.